



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/071,822
Source: 01PE
Date Processed by STIC: 03/01/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: _____
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <u> </u> Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <u> </u> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <u> </u> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <u> </u> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <u> </u> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <u> </u> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <u> </u> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <u> </u> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <u> </u> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <u> ✓ </u> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <u> ✓ </u> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <u> </u> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <u> </u> Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	



Does Not Comply OIPE
Corrected Diskette Needed

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/071,822

DATE: 03/01/2002

TIME: 10:44:03

Input Set : A:\ISIS4947.ST25.txt

Output Set: N:\CRF3\03012002\J071822.raw

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors

3 <110> APPLICANT: Hardee, Gregory E.
4 Tillman, Lloyd G.
5 Gonzales-Ferreiro, Maria
6 Mehta, Rahul C.
7 Teng, Ching-Leou
9 <120> TITLE OF INVENTION: Multiparticulate Formulation
11 <130> FILE REFERENCE: ISIS4947
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/071,822
C--> 13 <141> CURRENT FILING DATE: 2002-02-08
13 <150> PRIOR APPLICATION NUMBER: US/09/256,515
14 <151> PRIOR FILING DATE: 1999-02-23
16 <160> NUMBER OF SEQ ID NOS: 9
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 20
22 <212> TYPE: DNA
23 <213> ORGANISM: (Novel Sequence
25 <400> SEQUENCE: 1
26 tcccgccctgt gacatgcatt 20
29 <210> SEQ ID NO: 2
30 <211> LENGTH: 20
31 <212> TYPE: DNA
32 <213> ORGANISM: Novel Sequence
34 <400> SEQUENCE: 2
35 gcccaagctg gcatccgtca 20
38 <210> SEQ ID NO: 3
39 <211> LENGTH: 21
40 <212> TYPE: DNA
41 <213> ORGANISM: Novel Sequence
43 <400> SEQUENCE: 3
44 gggtttgcctc ttctttcttgc g 21
47 <210> SEQ ID NO: 4
48 <211> LENGTH: 20
49 <212> TYPE: DNA
50 <213> ORGANISM: Novel Sequence
52 <400> SEQUENCE: 4
53 gttctcgcctg gtgagtttca 20
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 20
58 <212> TYPE: DNA
59 <213> ORGANISM: Novel Sequence
61 <400> SEQUENCE: 5
62 tccgtcatcg ctctcaggg 20

RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/10/071,822

TIME: 10:44:03

Input Set : A:\ISIS4947.ST25.txt

Output Set: N:\CRF3\03012002\J071822.raw

```

65 <210> SEQ ID NO: 6
66 <211> LENGTH: 21
67 <212> TYPE: DNA
68 <213> ORGANISM: Novel Sequence
70 <400> SEQUENCE: 6
71 ggggttgcgc ttcttcttgc g                21
74 <210> SEQ ID NO: 7
75 <211> LENGTH: 8
76 <212> TYPE: DNA
77 <213> ORGANISM: Novel Sequence
79 <400> SEQUENCE: 7
80 ttgggggtt                                8
83 <210> SEQ ID NO: 8
84 <211> LENGTH: 20
85 <212> TYPE: DNA
86 <213> ORGANISM: Novel Sequence
88 <400> SEQUENCE: 8
89 gtgcctcatgg tgcacggtct                20
92 <210> SEQ ID NO: 9
93 <211> LENGTH: 20
94 <212> TYPE: DNA
95 <213> ORGANISM: Novel Sequence
97 <400> SEQUENCE: 9
98 gtgtgccaga caccctatct                20

```

VERIFICATION SUMMARY

DATE: 03/01/2002

PATENT APPLICATION: US/10/071,822

TIME: 10:44:04

Input Set : A:\ISIS4947.ST25.txt

Output Set: N:\CRF3\03012002\J071822.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date